National Nuclear Security Administration Weapons Activities

| | (dollars in thousands) | | | | | |
|--|------------------------|------------|------------|----------|------|--|
| | FY 2001 | FY 2002 | FY 2003 | FY 2003 | 8 vc | |
| | Comparable | Comparable | Request to | FY 20 | | |
| | Approp. | Approp. | Congress | F120 | 02 | |
| Weapons activities | | | | | | |
| Directed stockpile work | 934,393 | 1,044,230 | 1,234,467 | +190,237 | +18% | |
| Campaigns | 2,018,644 | 2,100,118 | 2,067,834 | -32,284 | -2% | |
| Readiness in technical base & facilities | 1,494,559 | 1,534,880 | 1,688,229 | +153,349 | +10% | |
| Facilities and infrastructure recapitalization | | | | | | |
| program | 8,700 | 196,800 | 242,512 | +45,712 | +23% | |
| Secure transportation asset | 126,507 | 161,518 | 155,368 | -6,150 | -4% | |
| Safeguards and security | 411,418 | 554,881 | 509,954 | -44,927 | -8% | |
| Subtotal, Weapons Activities | 4,994,221 | 5,592,427 | 5,898,364 | +305,937 | +5% | |
| Use of PY balances and other adjustments | -42,570 | -28,985 | -28,985 | | | |
| Total, Weapons Activities | 4,951,651 | 5,563,442 | 5,869,379 | +305,937 | +5% | |

- Weapons Activities FY 2003 request of \$5.9 billion is a 5.5% increase over FY 2002.
- The request supports the Administration's Nuclear Posture Review and the New Triad of flexible response capabilities through the science-based Stockpile Stewardship Program, and ensures the safety, security and vitality of NNSA's nuclear security enterprise.
 - **Directed Stockpile Work** request of \$1.2 billion supports maintenance and evaluation of the existing stockpile, the ongoing W87 refurbishment, and planned life extension/refurbishment activities for the W76, W80 and B61-7/11.
 - The request of \$2.1 billion for the 16 scientific, engineering and readiness **Campaigns** provides for technology development needed for stockpile certification in the future, and for continuous enhancement of the scientific, computational and technology base through cutting edge research and development at state-of-the-art facilities.
 - The FY 2008 completion of the **National Ignition Facility** remains on schedule with \$214 million requested to continue planned construction.
 - To ensure the availability of essential facilities in the NNSA national security enterprise, \$950 million is requested for baseline **operations of facilities** and other infrastructure required by stockpile stewardship programs, and \$270 million for **construction** projects.
- The Facilities and Infrastructure Recapitalization Program continues with a request of \$242 million to continue to stabilize the condition of the complex and systematically redress high priority backlogged maintenance items to provide for a modernized responsive nuclear weapons infrastructure.
- Weapons Safeguards and Security activities continue and expand in response to the rapidly changing security
 environment. The FY 2002 Supplemental provided \$131 million for activities in response to the September 11
 incidents; in FY 2003, \$510 million is requested for the physical and cyber security activities at the laboratories,
 plants and Nevada Test Site.

National Nuclear Security Administration Defense Nuclear Nonproliferation

| | (dollars in thousands) | | | | | |
|---|-------------------------------|------------|------------|----------|------|--|
| | FY 2001 FY 2002 FY 2003 EV 20 | | FY 200 | 3 ve | | |
| | Comparable | Comparable | Request to | | | |
| | Approp. | Approp. | Congress | | | |
| Defense Nuclear Nonproliferation | | | | | | |
| Nonproliferation and verification R&D | 239,721 | 322,306 | 283,407 | -38,899 | -12% | |
| Nonproliferation and international security | 95,904 | 75,741 | 92,668 | +16,927 | +22% | |
| Nonproliferation programs with Russia International nuclear materials protection | | | | | | |
| and cooperation | 170,452 | 291,900 | 233,077 | -58,823 | -20% | |
| Russian transition initiatives | 50,759 | 57,000 | 39,334 | -17,666 | -31% | |
| HEU transparency implementation | 14,592 | 13,950 | 17,229 | +3,279 | +24% | |
| International nuclear safety | 20,581 | 21,100 | 14,576 | -6,524 | -31% | |
| Soviet design reactor safety program | 46,500 | | | | | |
| Elimination of weapons-grade plutonium | | | | | | |
| production program | | | 49,339 | +49,339 | n/a | |
| Fissile materials disposition | 226,148 | 302,422 | 448,000 | +145,578 | +48% | |
| Total, Nonproliferation programs with Russia | 529,032 | 686,372 | 801,555 | +115,183 | +17% | |
| Subtotal, Defense Nuclear Nonproliferation | 864,657 | 1,084,419 | 1,177,630 | +93,211 | +9% | |
| Use of prior year balances | -526 | -57,833 | -64,000 | -6,167 | -11% | |

• The FY 2003 Defense Nuclear Nonproliferation request of \$1,113.6 million is \$87 million over FY 2002 total appropriation that itself included an additional \$223 million in a supplemental appropriation that bolstered the program in the fall for activities that are related to the war on terrorism.

864,131

1,026,586

1,113,630

+87,044

+8%

Nonproliferation and Verification R&D

Total, Defense Nuclear Nonproliferation.....

 Accelerates development of operational tools that can be used by first responders to terrorist attacks, such as a transportable biological agent detection system.

Nonproliferation and International Security

- Improves the security of nuclear material, especially in Central Asia
- Expands the Russian nuclear weapon dismantlement and transparency program
- Supports increasingly urgent interagency (Customs, Commerce, Nuclear Regulatory Commission, and Defense Department) efforts to control U.S. nuclear and nuclear-related dual-use equipment, materials and technology; as well as efforts to engage foreign governments to apply nuclear export controls to guard against nuclear terrorism.

Nonproliferation programs with Russia

- Accelerates the schedules for nuclear materials protection in Russia
- Bolsters measures to deter nuclear smuggling with radiation detection equipment at key border sites
- Decisively funds plutonium disposition in the U.S. and Russia. New direction in this program for disposition by conversion to mixed-oxide fuel saves \$2 billion.
- Funds technology development in Russia that has counter-terrorism focus, at the same time providing jobs for Russian weapons scientists and engineers displaced by weapons complex downsizing.
- Reinitiates a program to replace plutonium-producing reactors with fossil fuel plants.

Energy Efficiency & Renewable Energy

(dollars in thousands)

| | FY 2001 Comparable | FY 2002 Comparable | FY 2003 Request to | FY 2003 vs. | |
|---|-----------------------|-----------------------|-----------------------|-------------|------|
| | Approp. | Approp. | Congress | FY 2002 | |
| Energy Efficiency and Renewable Energy | | | | | |
| Energy Supply | | | | | |
| Renewable Energy Resources | | | | | |
| Renewable energy technologies | 274,350 | 277,592 | 291,500 | +13,908 | +5% |
| Electric energy systems and storage | 51,194 | 70,696 | 70,447 | -249 | -0% |
| Renewable support and implementation | 21,500 | 13,728 | 23,866 | +10,138 | +74% |
| National renewable energy laboratory | 3,991 | 4,870 | 5,000 | +130 | +3% |
| Program direction | 19,418 | 19,520 | 16,907 | -2,613 | -13% |
| Total, Energy Supply | 370,453 | 386,406 | 407,720 | +21,314 | +6% |
| Energy Conservation | | | | | |
| Building technology, state and community secto | | | | | |
| Weatherization grants | 152,664 | 230,000 | 277,100 | +47,100 | +20% |
| State energy program grant | 37,916 | 45,000 | 38,798 | -6,202 | -14% |
| Research and development | 102,761 | 105,270 | 92,893 | -12,377 | -12% |
| Total, Building technology, state and community | 1 | | | | |
| sector | 293,341 | 380,270 | 408,791 | +28,521 | +8% |
| Federal energy management program | 25,661 | 23,300 | 27,880 | +4,580 | +20% |
| Industry sector | 145,986 | 148,924 | 138,359 | -10,565 | -7% |
| Power technologies | 47,346 | 63,846 | 63,904 | +58 | +0% |
| Transportation sector | 251,462 | 252,715 | 222,664 | -30,051 | -12% |
| Policy and management | 46,046 | 46,415 | 42,706 | -3,709 | -8% |
| Total, Energy Conservation | 809,842 | 915,470 | 904,304 | -11,166 | -1% |
| Total, Energy Efficiency and Renewable | | | | | _ |
| Energy | 1,180,295 | 1,301,876 | 1,312,024 | +10,148 | +1% |

- Energy Efficiency and Renewable Energy total request is \$1.3 billion, 1% over FY 2002
- Renewable Energy Resources total request is \$407.7M, 6% over FY 2002, increases in:
 - **Hydrogen**, +\$10.7M to promote hydrogen as a future pollution free fuel source
 - **High Temperature Superconductivity**, +\$15.5M, for potentially breakthrough developments in power transmission capabilities
 - Wind, +\$5.4M, shifts program focus to technology suited for moderate wind speed areas, wider range of application.
 - **Biomass/Biofuels,** new integrated program focus bioenergy research, development and demonstration activities toward a single crosscutting effort.
- FreedomCAR, \$150M total program, refocus transportation R&D toward cost-effective fuel cells vehicles, and developing the infrastructure needed to make hydrogen an available fuel source.
- Weatherization Assistance, +\$47.1M over FY 2002, \$277.1M request maintains the President's \$1.4B, ten year commitment to the program. This budget will help weatherize 123,000 low-income homes.

Fossil Energy

| (| (d | ol | lars | in | thou | usa | nds |) |
|---|----|----|------|----|------|-----|-----|---|
| | | | | | | | | |

| | FY 2001 | FY 2002 | FY 2003 | FY 2003 vs. FY 2002 | |
|---|------------|------------|------------|------------------------|-------|
| | Comparable | Comparable | Request to | | |
| | Approp. | Approp. | Congress | | |
| Fossil Energy | | | - | | - |
| Fossil Energy Research and Development | | | | | |
| Coal | | | | | |
| President's Coal Research Initiative | 268,277 | 338,377 | 325,600 | -12,777 | -4% |
| Other power systems | 51,274 | 58,124 | 49,500 | -8,624 | -15% |
| Total, Coal | 319,551 | 396,501 | 375,100 | -21,401 | -5% |
| | | | • | , | |
| Natural gas technologies | 43,925 | 45,200 | 22,590 | -22,610 | -50% |
| Petroleum — Oil technology | 65,095 | 55,999 | 35,400 | -20,599 | -37% |
| Other Fossil Energy R&D | 113,334 | 129,163 | 115,065 | -14,098 | -11% |
| Subtotal, Fossil Energy Research and Developme | | 626,863 | 548,155 | -78,708 | -13% |
| Use of prior year balances | -4,350 | -6,000 | -14,000 | -8,000 | -133% |
| Use of previously appropriated clean coal funds | | -33,700 | -40,000 | -6,300 | -19% |
| Total, Fossil Energy Research and Development. | 442,555 | 587,163 | 494,155 | -93,008 | -16% |
| | | | | | |
| Alternative Fuels Production | -1,000 | -2,000 | | +2,000 | +100% |
| Clean Coal Technology | 104,427 | 42,463 | 40,000 | -2,463 | -6% |
| Naval Petroleum & Oil Shale Reserves | | 17,617 | 21,069 | +3,452 | +20% |
| Elk Hills School Lands Fund | 36,000 | 36,000 | 72,000 | +36,000 | +100% |
| | | | | | |
| Strategic Petroleum Reserve | | | | | |
| SPR — Facilities development | 157,483 | 171,908 | 169,754 | -2,154 | -1% |
| Home heating oil reserve | 8,000 | 8,000 | 8,000 | | |
| SPR petroleum account | -16,000 | | 11,000 | +11,000 | n/a |
| Total, Strategic Petroleum Reserve | 149,483 | 179,908 | 188,754 | +8,846 | +5% |
| Total, Fossil Energy | 733,294 | 861,151 | 815,978 | -45,173 | -5% |
| 5 45 0 45 | | | | | |
| Fossil Energy Coal Program | 040 == : | 000 70 : | 075 100 | 04.404 | / |
| Fossil Energy R&D/Coal | 319,551 | 396,501 | 375,100 | -21,401 | -5% |
| Clean Coal Technology | 104,427 | 42,463 | 40,000 | -2,463 | -6% |
| Use of previously appropriated clean coal funds | -95,000 | -33,700 | -40,000 | -6,300 | -19% |
| Total, Fossil Energy Coal Program | 328,978 | 405,264 | 375,100 | -30,164 | -7% |

- Fossil Energy requests an overall budget of **\$816 million**, 5% less than FY 2002.
- Major funding changes include:
 - The consolidation of the **Clean Coal Power Initiative**, the **Clean Coal Technology** Demonstration program and the current coal research program at a level of \$375.1M.
 - The **Strategic Petroleum Reserve** (SPR) Petroleum Acquisition Account Provides an increase of \$11M to continue fill of the SPR to its 700 million barrel capacity initiated by President Bush in November 2001.
 - The **Strategic Petroleum Reserve** Facilities account provides funding for continued Vapor Pressure Mitigation activities at a level of \$12M.
 - Provides for continued funding of the **Northeast Home Heating Oil Reserve** at \$8M.

Nuclear Energy, Science & Technology

(dollars in thousands)

| | FY 2001 Comparable | • | FY 2003 Request to | FY 2003 vs. FY 2002 | |
|---|-----------------------|---------|-----------------------|------------------------|-------|
| | Approp. | Approp. | Congress | | |
| Nuclear Energy, Science and Technology Energy Supply University reactor fuel assistance and support | 11,974 | 17,500 | 17,500 | | |
| Research and development | | | | | |
| Nuclear energy plant optimization | 4,857 | 6,500 | | -6,500 | -100% |
| Nuclear energy research initiative | 33,903 | 32,000 | 25,000 | -7,000 | -22% |
| Nuclear energy technologies | 7,483 | 12,000 | 46,500 | +34,500 | +288% |
| Advanced nuclear medicine initiative | 2,500 | 2,500 | | -2,500 | -100% |
| Total, Research and development | 48,743 | 53,000 | 71,500 | +18,500 | +35% |
| Infrastructure | | | | | |
| Fast flux test facility (FFTF) | 38,439 | 36,439 | 36,100 | -339 | -1% |
| Radiological facility management | 88,284 | 86,682 | 83,038 | -3,644 | -4% |
| Total, Infrastructure | 126,723 | 123,121 | 119,138 | -3,983 | -3% |
| Spent fuel pyroprocessing and transmutation | 68,698 | 77,250 | 18,221 | -59,029 | -76% |
| Program direction | 23,839 | 23,875 | 24,300 | +425 | +2% |
| Subtotal, Energy Supply | 279,977 | 294,746 | 250,659 | -44,087 | -15% |
| Use of PY balances and other adjustments | -2,872 | -818 | | +818 | +100% |
| Total, Nuclear Energy, Science and Technology | 277,105 | 293,928 | 250,659 | -43,269 | -15% |

Nuclear Energy, Science and Technology requests an overall budget of \$250M, 15% less than FY 2002

- Effectively address the key issues affecting the future use of nuclear energy by conducting long-term, investigator-initiated, peer-reviewed research and development.
- Consolidates spent fuel research and development activities previously funded in the Nuclear Facilities
 Management and Advanced Accelerator Applications programs into a new program called the Spent Fuel
 Pyroprocessing and Transmutation program.
- Consolidates facilities and infrastructure activities previously funded in the Advanced Radioisotope Power System, Medical Isotope, Argonne National Laboratory – West Operations, and Test Reactor Area (TRA) Landlord programs into the Radiological Facilities Management program.
- Enable U.S. universities to continue to produce highly trained nuclear engineers and scientists to supply the Nation's energy, environmental, health care, and national security needs.
- Develop and demonstrate an advanced, proliferation-resistant technology to reduce the quantity and toxicity of U.S. commercial spent nuclear fuel while simultaneously enabling the U.S. to vastly increase the efficient use of its nuclear fuel resources.
- Protect our Nation's nuclear R&D infrastructure by managing the Department's vital resources and capabilities, efficiently and effectively.
- Deliver isotope products and services for commercial, medical, and research applications.

■ Nuclear Power 2010 Initiative

• Successfully address the regulatory, technical, and institutional issues to enable one or more orders for new, commercial nuclear power plants in the United States by 2005 for deployment by 2010.

■ Generation IV Initiative

• Develop next-generation nuclear energy systems that represent significant improvements in all aspects of nuclear power technology.

■ Fast Flux Test Facility (FFTF)

• Includes funding to conduct surveillance and maintenance activities to maintain the FFTF in full compliance with applicable Federal and State health, safety and environmental assessments. In addition, the request supports activities that implement the Secretary's decision to permanently deactivate FFTF.

Science

(dollars in thousands)

| | (dollars in thousands) | | | | | | |
|--|------------------------|------------|------------|-------------|-------|--|--|
| | FY 2001 | FY 2002 | FY 2003 | FY 2003 vs. | | | |
| | Comparable | Comparable | Request to | FY 20 | | | |
| | Approp. | Approp. | Congress | 1120 | J02 | | |
| Office Of Science | | | | | | | |
| Science | | | | | | | |
| High energy physics | 695,927 | 713,170 | 724,990 | +11,820 | +2% | | |
| Nuclear physics | 351,794 | 359,035 | 382,370 | +23,335 | +6% | | |
| Biological and environmental research | 514,064 | 570,300 | 504,215 | -66,085 | -12% | | |
| Basic energy sciences | 973,768 | 999,605 | 1,019,600 | +19,995 | +2% | | |
| Advanced scientific computing research | 161,296 | 157,400 | 169,625 | +12,225 | +8% | | |
| Energy research analyses | 950 | 995 | 1,020 | +25 | +3% | | |
| Science laboratory infrastructure | 26,887 | 37,130 | 42,735 | +5,605 | +15% | | |
| Fusion energy sciences program | 241,957 | 247,480 | 257,310 | +9,830 | +4% | | |
| Safeguards and security | 39,081 | 47,609 | 48,127 | +518 | +1% | | |
| Program direction | 139,861 | 152,475 | 139,479 | -12,996 | -9% | | |
| Small business innovation research (SBIR) | 93,069 | | | | | | |
| Subtotal, Science | 3,238,654 | 3,285,199 | 3,289,471 | +4,272 | +0% | | |
| Less security charge for reimbursable work | -4,648 | -4,460 | -4,383 | +77 | +2% | | |
| Total, Science | 3,234,006 | 3,280,739 | 3,285,088 | +4,349 | +0% | | |
| Other Defense Activities | | | | | | | |
| Use of prior year balances | -491 | -28 | | +28 | +100% | | |
| Total, Office Of Science | 3,233,515 | 3,280,711 | 3,285,088 | +4,377 | +0% | | |
| | | | | | | | |
| Scientific and Technical Information Energy Supply | | | | | | | |
| Technical information management program | 1,596 | 1,198 | 1,400 | +202 | +17% | | |
| Program direction | 7,608 | 6,851 | 6,953 | +102 | +1% | | |
| Total, Scientific and Technical Information | 9,204 | 8,049 | 8,353 | +304 | +4% | | |

- The Office of Science requests an overall budget of \$3.285 billion, essentially even with FY 2002.
 - Most major research activities are conducted near FY 2002 levels.
 - Continue to support and operate a suite of 27 scientific user facilities used by over 18,000 university, industry and government scientists. Major facilities will be operated at levels equal to or higher than in FY 02.
 - Funding for facility construction, fabrication, or dismantling projects are on schedule. In FY 03 this means that total spending for projects will decrease.
- Windows of Opportunity High Energy Physics will focus on two unique research opportunities for the next five years. Fermilab will continue its search for the Higgs Boson, which is anticipated to be the source of all mass. The Stanford Linear Accelerator Center will conduct research on Charge-Parity (CP) Violation, seeking an explanation for the preponderance of matter over antimatter in the universe.
- **Large Hadron Collider** Per the agreement with the European Center for Nuclear Research (CERN), DOE funding for this project increases from \$49 million in FY 2002 to \$60 million in FY 2003.
- Genomes to Life Increased funding for research in DOE-relevant microbes and higher organisms supports DOE missions in energy, national security and environmental quality.
- Climate Change Research DOE continues to support the U.S. Global Change Research Program (USGCRP).
- Nanoscale Science This continues to be a significant priority in Basic Energy Sciences. In FY 2003 there will be enhanced funding for research and for construction activities for Nanoscale Science Research Centers.
- **Spallation Neutron Source (SNS)** When completed in FY 2006, this next generation spallation neutron source will be available to 1,000-2,000 researchers each year. Per the funding schedule, construction funding decreases from \$276.3 million in FY 2002 to \$210.6 million in FY 2003.
- Advanced Scientific Computing Research Provides increased computational modeling and simulation in support of nanoscale science and biology.

Environmental Management

| (dol | lare | in | tho | usar | (she |
|------|------|--------|-----|------|--------------|
| luui | ıaıə | - 11 1 | uio | uoai | iuo <i>i</i> |

| | FY 2001 | FY 2002 | FY 2003 | FY 2003 vs. FY 2002 | |
|--|-------------|------------|------------|------------------------|------|
| | Comparable | Comparable | Request to | | |
| | Approp. | Approp. | Congress | 1 1 200 | 02 |
| Environmental Management | | | | | |
| Albuquerque | 158,499 | 138,362 | 95,304 | -43,058 | -31% |
| Carlsbad | 197,886 | 183,437 | 193,228 | +9,791 | +5% |
| Chicago | 54,377 | 33,057 | 24,410 | -8,647 | -26% |
| Idaho | 440,427 | 458,126 | 369,172 | -88,954 | -19% |
| Nevada | 87,203 | 84,967 | 57,860 | -27,107 | -32% |
| Oakland | 81,741 | 74,125 | 56,320 | -17,805 | -24% |
| Oak Ridge | 672,614 | 726,394 | 639,915 | -86,479 | -12% |
| Ohio | 532,447 | 508,399 | 509,746 | +1,347 | +0% |
| Richland | 716,036 | 695,513 | 556,937 | -138,576 | -20% |
| Rocky Flats | 616,808 | 620,504 | 634,407 | +13,903 | +2% |
| River Protection | 792,077 | 1,027,198 | 903,113 | -124,085 | -12% |
| Savannah River | 1,158,457 | 1,064,414 | 961,103 | -103,311 | -10% |
| Safeguards and Security | 273,109 | 275,394 | 265,421 | -9,973 | -4% |
| Science and Technology | 203,378 | 204,732 | 92,000 | -112,732 | -55% |
| Multi-Site | 163,203 | 143,593 | 39,871 | -103,722 | -72% |
| Decontamination and Decommissioning Fund Dep | 419,076 | 420,000 | 442,000 | +22,000 | +5% |
| Program Direction | 372,053 | 369,234 | 358,227 | -11,007 | -3% |
| Excess Facilities | | 8,374 | 3,141 | -5,233 | -62% |
| Subtotal, Environmental Management | 6,939,391 | 7,035,823 | 6,202,175 | -833,648 | -12% |
| Uranium Enrichment Decontamination and Decom | nmissioning | | | | |
| Fund Discretionary Payment | -419,076 | -420,000 | -442,000 | -22,000 | -5% |
| Use of PY balances and other adjustments | -105,421 | -69,803 | -4,347 | +65,456 | +94% |
| Subtotal, Environmental Management | 6,414,894 | 6,546,020 | 5,755,828 | -790,192 | -12% |
| Cleanup Reform | | | 800,000 | +800,000 | |
| Privatization | -2,400 | 153,537 | 158,399 | +4,862 | +3% |
| Total, Environmental Management | 6,412,494 | 6,699,557 | 6,714,227 | +14,670 | +0% |

- Environmental Management requests an overall budget of **\$6.714 billion**, essentially the same level as FY 2002. The budget is structured to focus on greater risk reduction and achieving cleanup and closure more efficiently and cost effectively.
- The "top-to-bottom" review is complete and provides recommendations to improve EM's performance in achieving cleanup and closure and reducing risk to its workers, the public, and the environment. The EM FY 2003 budget funds:
 - The \$800 million **Cleanup Reform** that will allow the Department, over the next 18 months, to pursue implementing proposals, many of which will require reaching new understandings with State and Federal regulators, as well as, fundamental changes in how DOE conducts its business. These alternative approaches to improve EM's cleanup performance could be new initiatives or could build on existing efforts. The accelerated cleanup will benefit the nation and ultimately result in savings for American taxpayers.
 - The refocusing of EM's Science and Technology program to concentrate on high priority technical needs at closure sites, short and intermediate-term projects, and high risk, high payoff projects.
- The budget also fully funds progress towards closure by 2006 at the Rocky Flats, Fernald and Mound (Miamisburg) sites.

Civilian Radioactive Waste Management

(dollars in thousands)

| FY 2001 | FY 2002 | FY 2003 | EV 200 | 3 ve |
|------------|--|--|---|---|
| Comparable | Comparable | Request to | | |
| Approp. | Approp. | Congress | F1 20 | 002 |
| ncing | | | - | - |
| | | | | |
| 127,992 | 39,000 | 146,713 | +107,713 | +276% |
| 64,914 | 58,278 | 65,332 | +7,054 | +12% |
| 192,906 | 97,278 | 212,045 | +114,767 | +118% |
| 199,725 | 280,000 | 315,000 | +35,000 | +13% |
| | | | | |
| 392,631 | 377,278 | 527,045 | +149,767 | +40% |
| | | | | |
| 312,985 | 296,886 | 424,922 | +128,036 | +43% |
| 2,661 | 4,103 | 17,100 | +12,997 | +317% |
| 12,071 | 18,011 | 19,691 | +1,680 | +9% |
| 64,914 | 58,278 | 65,332 | +7,054 | +12% |
| | | | | |
| 392,631 | 377,278 | 527,045 | +149,767 | +40% |
| | Comparable Approp. ancing . 127,992 . 64,914 . 192,906 . 199,725 . 392,631 vities . 312,985 . 2,661 . 12,071 . 64,914 | Comparable Approp. Approp. Approp. 127,992 39,000 64,914 58,278 192,906 97,278 199,725 280,000 392,631 377,278 vities 312,985 296,886 2,661 4,103 12,071 18,011 64,914 58,278 | Comparable Approp. Comparable Request to Congress Approp. Approp. Congress Approp. Approp. Request to Congress 127,992 39,000 146,713 65,332 192,906 97,278 212,045 199,725 280,000 315,000 392,631 377,278 527,045 Vities 312,985 296,886 424,922 2,661 4,103 17,100 12,071 18,011 19,691 64,914 58,278 65,332 | Comparable Approp. Comparable Request to Congress FY 200 FY 200 Approp. Congress |

- Civilian Radioactive Waste Management requests an overall budget of \$527 million, 40% over FY 2002.
- The events of September 11th underscore the Federal government's responsibility to consolidate the nation's spent nuclear fuel and high level waste in a permanent geologic repository. The FY 2003 budget request supports this responsibility by providing increased funds for site license application, and transportation planning and design activities.

Environment, Safety & Health

(dollars in thousands) FY 2001 FY 2002 FY 2003 FY 2003 vs. Comparable Comparable Request to FY 2002 Approp. Congress Approp. **Environment, Safety and Health Energy Supply** Environment, safety and health (non-defense).. 9,391 10,340 +949 +10% 15,122 21,597 21,250 19,618 -1,632 Program direction..... -8% Total, Energy Supply..... 36,719 30,641 29,958 -683 -2% Other defense activities 91,688 -9.796 -11% Environment, safety and health (defense)....... 98,736 81,892 Program direction..... 20,434 19,766 18,018 -1,748-9% Subtotal, Other defense activities..... 119,170 111,454 99,910 -11,544 -10% Use of prior year balances..... -11,231 +11,231 +100% Total, Other defense activities..... 119,170 100,223 99,910 -313 -0% Total, Environment, Safety and Health...... 155,889 130,864 129,868 -996 -1%

- Environment, Safety and Health requests an overall budget of \$130 million, essentially the same level as appropriated in the previous year.
- Within this flat funding, there is increased support for the Energy Employees Compensation program to assist workers in filing claims for illnesses related to working at nuclear weapons sites.
- The Office of Environment, Safety and Health, has transferred its oversight responsibility to the Independent Oversight and Performance Assurance Program, and the balance of the program has become the Corporate Safety Assurance Program. This Program will focus on assessing, facilitating, achieving, and assuring excellence and continuous improvement in safety management and performance in the conduct of its missions and activities.

Worker and Community Transition

(dollars in thousands) FY 2001 FY 2002 FY 2003 FY 2003 vs. Comparable Comparable Request to FY 2002 Approp. Approp. Congress **Worker and Community Transition** Other defense activities Worker and community transition..... 38,853 18,000 22,965 +4,965 +28% Program direction..... 3,105 2,091 2,809 +718 +34% +5,683 Total, Other defense activities..... 41,958 20,091 25,774 +28% Use of prior year balances..... +100% -59 -266 +266 41,899 Total, Worker and Community Transition..... 19,825 25,774 +5,949 +30%

- Worker and Community Transition requests an overall budget of \$26 million, 30% over FY 2002
- Increased in anticipation that downsizing with occur in other DOE programs (mainly EM)
- Since FY 1993, this program has successfully managed the Department's downsizing by reducing about 50,000 contractors, resulting in an estimated annual savings of \$4 billion.